

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Application of

David A. Monroe

Filed: September 21, 2001

For: MULTIMEDIA NETWORK  
APPLIANCE FOR SECURITY AND  
SURVEILLANCE APPLICATIONS

Attorney Docket No. 081829.000026



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**PRELIMINARY AMENDMENT**

This Amendment is filed to include the material and claims herein to U.S. Application Serial No.: \_\_\_\_\_, filed on September 21, 2001, Express Mailing Label No. ET648894065US, Attorney Docket No. 081829.000026. A copy of the Express Mailing Label is attached as Exhibit A to this amendment.

Please amend the application as follows;

In the Drawings

Add the enclosed six (6) sheets of drawings as Figs. 49A, 49B, 49C, 49D, 49E and 49F.

In the Specification

At page 16, line 26, insert the following six new paragraphs before the paragraph beginning "Fig. 50":

--Fig. 49A depicts a retina reader for use in the networked system of the subject invention.

Fig. 49B is the wireless version of the retina reader of Fig. 49A.

Fig. 49C depicts a fingerprint reader for use in the networked system of the subject invention.

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Fig. 49D is the wireless version of the fingerprint reader of Fig. 49C.

Fig. 49E depicts a tilt/pan/zoom camera for use in the networked system of the subject invention.

Fig. 49F is an enhancement of the camera and system as shown in Fig. 49E. --

At page 33, line 8, insert the following as new paragraphs before the paragraph beginning "Fig. 50":

--Fig. 49A shows a retina reader 1010 adapted for use in the system of the present invention. The retina scanner 1012 is adapted for scanning the retina of a user. A readout display is provided at 600 to indicate acceptance or rejection. A keyboard input panel 595 may be provided for secondary identification, where desired. This version includes the circuitry previously described for connecting the retina reader to a network via the RJ-45 connector 520. The wireless version is shown in Fig. 49B and includes a wireless interface network 380 embodied in the interface card 526, and an antenna 528 whereby the retina reader wirelessly communicates with the network via an access point 287.

Fig. 49C shows a fingerprint reader 1014 adapted for use in the system of the present invention. A readout display is provided at 600 to indicate acceptance or rejection. A keyboard input panel 595 may be provided for secondary identification, where desired. This version includes the circuitry previously described for connecting the fingerprint reader to a network via the RJ-45 connector 520. The wireless version is shown in Fig. 49D and includes a wireless interface network 380 embodied in the interface card 526, and an antenna 528 whereby the retina reader wirelessly communicates with the network via an access point 287.

Figs. 49E and 49F show a system including a tilt/pan/zoom camera. In this enhancement, the camera 1018 is mounted in a location such as near the exit and is positioned to monitor a specific zone. The camera controls are transmitted via the network from the control station 1016 and the camera-captured images are transmitted via the same network. As shown in Fig. 49F, the door access panel 1019 may also be connected to the same network interface by using the hub 1021. --

The following inadvertently repeated material should be deleted from the application:

Beginning at page 30, line 3, beginning "Fig 34A is" and continuing through to page 30, line 20, ending "Fig. 35C is the wireless version." The full text of the deleted material follows:

[Fig. 34A is the wireless proximity card reader network appliance.

It is an important feature of the subject invention that legacy sensors, alarms and devices may be connected to the multimedia network system without modification of the legacy devices, permitting signals generated by the legacy devices to be communicated via and managed by the system of the subject invention. Figs. 35-38 are examples of security network appliances that provide such enhancements. An important component of this feature is a common interface permitting the communication of the signals generated by the legacy device to the network supporting the system of the subject invention. One common interface network appliance device 900 is shown in Fig. 35 and includes two terminals or connectors 901,902 for connecting the output wires 904, 905 of a legacy device, here an electric door strike 906, to the network. The network connection is made via a wire connected at the RJ-45 jack 908.

As shown in Fig. 35A, the legacy device can also be connected via wireless interface 910. In this version, a power adapter 912 is provided for driving the interface 910. A wireless transmitter/receiver card 914 is added to provide the wireless network connection. In the wired version, the connector wire connected to the RJ-45 jack 908 is ideally used to provide power. However, a separate power supply can be provided where desired. Fig. 35 B shows an electric strike 906 with an RJ45 jack 908. Fig. 35C is the wireless version.]

#### In the claims

Add the following new claims:

71. The appliance of claim 1, wherein the sensor is a retina reader.
72. The appliance of claim 1, wherein the sensor is a fingerprint reader.
73. The appliance of claim 1, wherein the sensor is a tilt/pan/zoom camera.
74. The appliance of claim 1, wherein the sensor is a motion detector.
75. The appliance of claim 1, wherein the sensor is a smoke detector.
76. The appliance of claim 1, wherein the sensor is a pull handle fire alarm.
77. The appliance of claim 1, wherein the sensor is a contact closure interface.
78. The appliance of claim 1, wherein the sensor is a heat sensor.
79. The appliance of claim 1, wherein the sensor is a glass breakage sensor.
80. The appliance of claim 1, wherein the sensor is thermostat/humidistat.
81. The appliance of claim 1, wherein the sensor is a telephone interface/dialer.
82. The appliance of claim 1, wherein the sensor is a magnetic strip reader.
83. The appliance of claim 1, wherein the sensor is a proximity card reader.

84. The appliance of claim 1, wherein the sensor is an electric door strike.

REMARKS

It is submitted that the new claims submitted herewith, with the exception of claims 74 and 75, are fully supported by the original specification and do not include any new matter.

Respectfully submitted,

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